

## MMP3 polyclonal antibody

Catalog: BS6243

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes an enzyme which degrades fibronectin, laminin, collagens III, IV, IX, and X, and cartilage proteoglycans. The enzyme is thought to be involved in wound repair, progression of atherosclerosis, and tumor initiation. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

P08254

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:1000 | IHC, 1:100 - 1:200 | IF/ICC, 1:100 - 1:500

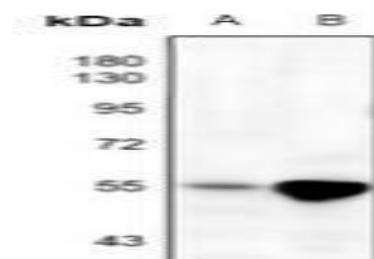
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

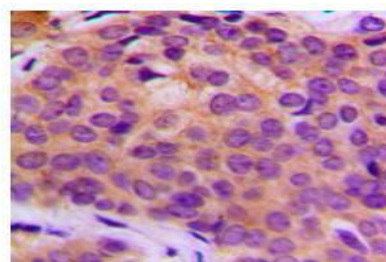
### Specificity:

MMP3 polyclonal antibody detects endogenous levels of MMP3 protein.

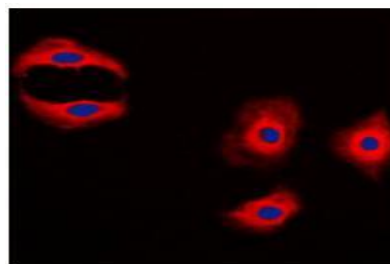
### DATA:



Western blot analysis of MMP3 expression in U87MG (A), SGC7901 (B) whole cell lysates.



Immunohistochemical analysis of MMP3 staining in human breast cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of MMP3 staining in A431 cells.

### Note:

For research use only, not for use in diagnostic procedure.

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